

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1.-12. (Canceled)

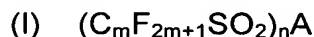
13. (Currently Amended) A process for preparing functionalized polyorganosiloxane (POS) resins comprising units M: $(R_3SiO_{1/2})$, Q: $(SiO_{4/2})$ and M': $(Y_aR_{3-a}SiO_{1/2})$ and optionally D: $(R_2SiO_{2/2})$ and/or D': $(RYSiO_{2/2})$ and T: $(RSiO_{3/2})$ and/or T': $(YSiO_{3/2})$, wherein:

the radicals R, which are identical or different, represent C_1 - C_{10} alkyl or C_8 - C_{12} aryl; and

the radicals Y, which are identical or different, represent a functional group Y selected from the group consisting of hydrogen, alkenyl, alkynyl, aryl, (alkyl)epoxy, ether, polyether, carboxylic acid, amide, amine, halide, alcohol, thiol and other sulfur derivative;

_____ said process comprising redistributing POS resins with POSf conducting a redistribution reaction between a POS resin and a POSf compound bearing functional units M' and/or D' and/or T', as defined above, in the presence of an acid catalyst, wherein:

at least one catalyst has formula (I) below:



wherein:

m is an integer greater than or equal to 1;

n is an integer equal to 1 or 2 and A represents OH, $\text{NH}_2[\text{[.]}]$ or

~~NH or CH₂~~ with:

(i) n = 1 and A = OH; or

(ii) n = 1 and A = NH₂ or NHR with R being a radical of

SO₂-Z type, with Z being a group other than C_mF_{2m+1}; or

(iii) n = 2 and A = NH;

and wherein said catalyst is in the presence of a nonbasic inert filler.

14. (Previously Presented) The process as claimed in Claim 13, wherein the nonbasic inert filler is carbon black, a diatomaceous earth, or an acidic or neutral oxide, or a mixture thereof.

15. (Previously Presented) The process as claimed in Claim 14, wherein the acidic or neutral oxide is Al₂O₃, Na₂O, TiO₂, MgO, silica or zeolite, or a mixture thereof.

16. (Cancelled)

17. (Currently Amended) The process as claimed in ~~Claim 14~~Claim 13, wherein Y is phenyl.

18-25. (Cancelled)

26. (Previously Presented) The process as claimed in Claim 13, wherein the catalyst is triflic acid (TFOH) of formula (I) (i) with $m = 1$ and/or the trifluoromethanesulfonimide acid (TFSI) of formula (I) (iii) with $m = 1$.

27. (Previously Presented) The process as claimed in Claim 14, wherein the catalyst is triflic acid (TFOH) of formula (I) (i) with $m = 1$ and/or the trifluoromethanesulfonimide acid (TFSI) of formula (I) (iii) with $m = 1$.

28-36. (Cancelled)

37. (Currently Amended) The process as claimed in Claim 13, wherein the catalyst is supported on the nonbasic inert filler, the concentration of acid catalyst (I) is between 1 ppm and 2% by weight relative to the starting resin and wherein the catalyst (I)/inert filler support mass ratio is between 0.1 and 10.

38. (Currently Amended) The process as claimed in Claim 37, wherein the inert filler support is carbon black.

39. (Currently Amended) The process as claimed in Claim 37, wherein the catalyst (I)/inert filler support mass ratio is of the order of 1.

40. (Currently Amended) The process as claimed in Claim 39, wherein the inert filler support is carbon black.

41. (Previously Presented) The process as claimed in Claim 37, wherein the catalyst is triflic acid (TFOH) of formula (I) (i) with $m = 1$ and/or the trifluoromethanesulfonimide acid (TFSI) of formula (I) (iii) with $m = 1$.

42. (Currently Amended) The process as claimed in Claim 41, wherein the inert filler support is carbon black.

43-54. (Cancelled)

55. (Previously Presented) The process as claimed in Claim 13, comprising the following essential steps:

- (1) combining the starting POS resin, the POSf bearing functional units, the acid catalyst (I) and the nonbasic inert filler in an organic solvent;
- (2) reacting at a temperature θ r greater than or equal to room temperature and less than or equal to the boiling point of the solvent;
- (3) optionally quenching the reaction by adding an agent for neutralizing the acid catalyst (I); and
- (4) removing the inert filler from the reaction medium.

56. (Previously Presented) The process as claimed in Claim 55, wherein the inert filler comprises carbon black, and/or wherein the reaction temperature is

between 50°C and 100°C, and/or wherein the inert filler is removed from the reaction medium by filtration.

57. (Previously Presented) The process as claimed in Claim 55, wherein the acid catalyst is triflic acid (TFOH) of formula (I) (i) with $m = 1$ and/or the trifluoromethanesulfonimide acid (TFSI) of formula (I) (iii) with $m = 1$.

58. (Previously Presented) The process as claimed in Claim 57, wherein the inert filler comprises carbon black, and/or wherein the reaction temperature is between 50°C and 100°C, and/or wherein the inert filler is removed from the reaction medium by filtration.

59-60. (Cancelled)

61. (Previously Presented) The process as claimed in Claim 55, wherein the organic solvent is provided in the reaction medium by means of a solution of starting POS resin in said solvent, and wherein the nonbasic inert filler is in the form of powder dispersed in the POSf bearing functional units.

62. (Previously Presented) The process as claimed in Claim 55, wherein the organic solvent is xylene or toluene, and/or wherein the nonbasic inert filler is carbon black.

63. (Currently Amended) The process as claimed in Claim 13, wherein Y = H or alkenyl in the functional units M' and/or D' and/or T' of the POSf, and wherein, after the redistribution, other functionalization radicals Y₁ bearing at least one unsaturation or at least one Si-H unit are grafted for hydrosilylation onto the ≡Si-H or ≡Si-alkenyl units, respectively, of the redistributed resin.

64. (Currently Amended) The process as claimed in Claim 63, wherein other functionalization radicals Y₁ bearing at least one ethylenic unsaturation are grafted by hydrosilylation onto the ≡Si-H or ≡Si-alkenyl units, respectively, of the redistributed resin.

65. (Currently Amended) The process as claimed in Claim 55, wherein Y = H or alkenyl in the functional units M' and/or D' and/or T' of the POSf, and wherein, after the redistribution, other functionalization radicals Y₁ bearing at least one unsaturation or at least one Si-H unit are grafted by hydrosilylation onto the ≡Si-H or ≡Si-alkenyl units, respectively, of the redistributed resin.

66. (Currently Amended) The process as claimed in Claim 65, wherein other functionalization radicals Y₁ bearing at least one ethylenic unsaturation are grafted by hydrosilylation onto the ≡Si-H or ≡Si-alkenyl units, respectively, of the redistributed resin.

67. (Previously Presented) The process as claimed in Claim 13, wherein the redistributed and functionalized resin obtained is subjected to at least one other redistribution/functionalization, using POSfs bearing functional units.

68. (Previously Presented) The process as claimed in Claim 55, wherein the redistributed and functionalized resin obtained is subjected to at least one other redistribution/functionalization, using POSfs bearing functional units.

69. (Previously Presented) The process as claimed in Claim 63, wherein the redistributed and functionalized resin obtained is subjected to at least one other redistribution/functionalization, using POSfs bearing functional units.

70. (Previously Presented) The process as claimed in Claim 65, wherein the redistributed and functionalized resin obtained is subjected to at least one other redistribution/functionalization, using POSfs bearing functional units.

71-75. (Cancelled)